

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. (Currently Amended) An image processor comprising:
 - a code recognizer which recognizes character code from a character image included in image data to be processed;
 - a size recognizer which recognizes point size of characters ~~character sizes of~~ in the character image;
 - a setter which sets a magnification;
 - a magnification changer which enlarges or reduces the image data according to the magnification set by said setter;
 - a memory section which stores a plurality of font data of different point sizes;
 - a selector which selects a font data of a particular point size from among the plurality of font data stored in said memory section based on the character code recognized by said code recognizer, the font point size recognized by said size recognizer and the magnification set by said setter, to match with a region of the character image in the image data; and
 - an output section which outputs the font data selected by said selector.
2. (Original) The image processor according to claim 1, further comprising a reading section which reads a document image to provide the image data to be processed.

3. (Original) The image processor according to claim 1, further comprising an image-forming section which forms an image on a recording medium based on the font data outputted by said output section.

4. (Previously Presented) The image processor according to claim 1, further comprising a communication section which communicates with an external apparatus, wherein said selector selects the compatible font data from among a plurality of font data stored in the external apparatus via the communication section.

5. (Original) The image processor according to claim 1, further comprising a size changer which changes the font size selected by said selector, based on the character size recognized by said size recognizer and the magnification set by said setter.

6. (Previously Presented) The image processor according to claim 1, wherein said magnification changer enlarges or reduces the character image based on the magnification set by said setter when font data in correspondence to the character code recognized by said code recognizer is not stored in said memory section.

7. (Currently Amended) An image processing method comprising the steps of:

recognizing character code from a character image included in image data to be processed;

recognizing point size of characters in ~~character size of~~ the character image;

setting a magnification;

selecting font data of a particular point size from among a plurality of font data of different point sizes based on the recognized character code, the recognized

font point sizes and the set magnification to match with a region of the character image in the image data; and

outputting the selected font data.

8. (Currently Amended) A recordable medium containing an image processing program for having a computer execute a process comprising the steps of:

recognizing character code from a character image included in image data to be processed;

recognizing point size of characters in ~~character size of~~ the character image;

setting a magnification;

selecting font data of a particular point size from among a plurality of font data of different point sizes based on the size of the recognized character code, the recognized font size and the set magnification to match with a region of the character image in the image data; and

outputting the selected font data.

9. (Currently Amended) An image processor comprising:

an instruction section which instructs to output image data of N pages to be processed in M sheets of recording medium, wherein N and M are natural numbers and N is not equal to M;

a code recognizer which recognizes character code from a character image included in the image data of N pages and recognizes a point size of the character code;

a memory section which stores a plurality of font data;

a selector which selects font data of a particular size from among the plurality of font data stored in said memory section based on the character code

recognized by said code recognizer, the font point size recognized by said size code recognizer and the magnification set by said setter, to match with a region of the character image in the image data;

a synthesizer which generates output image data by laying out the font data selected by said selector in the M sheets; and

an output section which outputs the output image data generated by said synthesizer.

10. (Original) The image processor according to claim 9, wherein said memory section stores the plurality of font data of different sizes, further comprising a font size calculator which calculates a size of the font data to be selected by said selector so that the font data selected by said selector are included in a predetermined area in the M sheets.

11. (Original) The image processor according to claim 9, further comprising:

a discriminator which discriminates a character region in the image data to be processed;

a region size calculator which calculates a size of an output character region in the M sheets according to the character region discriminated by said discriminator; and

a font size calculator which calculates a size of the font data to be selected by said selector so that the font data selected by said selector are included in the output character region in the M sheets.

12. (Original) The image processor according to claim 9, wherein N is larger than M.

13. (Original) The image processor according to claim 12, wherein N is an odd number.

14. (Currently Amended) An image processing method comprising the steps of:

instructing to output image data of N pages to be processed in M sheets of recording medium, wherein N and M are natural numbers and N is not equal to M;

recognizing character code from a character image included in the image data of N pages and recognizing a point size of the recognized character code;

selecting font data of a particular point size from among a plurality of font data based on the recognized character code and the point size of the recognized character code;

generating output image data in a layout of M sheets by using the selected font data; and

outputting the generated output image data.

15. (Currently Amended) A recordable medium containing an image processing program for having a computer execute a process comprising the steps of:

instructing to output image data of N pages to be processed in M sheets of recording medium, wherein N is not equal to M;

recognizing character codes in a character image included in the image data of N pages and recognizing a point size of the recognized character codes;

selecting font data of a particular point size from among a plurality of font data based on the recognized character code and the recognized point size of the recognized character codes;

generating output image data by laying out the selected font data in the M sheets; and

outputting the generated output image data .

16. (New) The image processor of claim 1, wherein the size recognizer recognizes point size of characters by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of the characters based on the width of the recognized font point size, measuring the actual width of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point font size according to the ratio of the calculated width to the actual width.

17. (New) The method of claim 7, wherein the size recognizer recognizes point size of characters by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of the characters based on the width of the recognized font point size, measuring the actual width of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point font size according to the ratio of the calculated width to the actual width.

18. (New) The recordable medium of claim 8, wherein the recognizing of point size of the characters in the character image is done by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of characters based on the width of recognized font point size, measuring the actual width of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point size according to the ratio of the calculated width to the actual width.

19. (New) The image processor of claim 9, wherein the recognizing of point size of the characters in the character image is done by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of characters based on the width of recognized font point size, measuring the actual width

of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point size according to the ratio of the calculated width to the actual width.

20. (New) The image processing method of claim 14, wherein the recognizing of point size of the characters in the character image is done by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of characters based on the width of recognized font point size, measuring the actual width of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point size according to the ratio of the calculated width to the actual width.

21. (New) The recordable medium of claim 15, wherein the recognizing of point size of the characters in the character image is done by recognizing a font point size of the characters in a line in the character image, calculating the width of the line of characters based on the width of recognized font point size, measuring the actual width of the line of characters, comparing the calculated width to the actual width, and correcting the recognized point size according to the ratio of the calculated width to the actual width.